

**Plaslube® J-4/30/TF/13/SI/2 NAT**  
Techmer Polymer Modifiers - *Polyamide 612*

**General**

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

**Properties <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.42		ASTM D792
Molding Shrinkage - Flow (0.125 in)	2.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.13	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength	20000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	1.21E+6	psi	ASTM D790
Flexural Strength	28500	psi	ASTM D790
Compressive Strength	18000	psi	ASTM D695
<b>Impact</b>			
Notched Izod Impact	2.3	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	390	°F	ASTM D648
CLTE - Flow	2.7E-5	in/in/°F	ASTM D696
<b>Flammability</b>			
Flame Rating (0.06 in)	HB		UL 94

